

**REMARKS**

Claims 9-30 are pending. By this Amendment, claims 1-8 are cancelled without prejudice or disclaimer, and claims 9-30 are added. Support for the claims can be found throughout the specification, including the original claims, and the drawings. Reconsideration in view of the above amendments and following remarks is respectfully requested.

The Office Action rejected claims 1-8 under 35 U.S.C. §103(a) as being unpatentable over Klausner in view of Othmer et al. (hereinafter "Othmer"). Claims 1-8 have been cancelled, and therefore the rejection is moot. The rejection is traversed insofar as it applies to added claims 9-28.

Added independent claim 9 recites a washing machine comprising, *inter alia*, a control system comprising a memory configured to store an operation history of the washing machine, and a system microprocessor configured to control operation of the load part of the washing machine based on at least the operation history of the washing machine. Added independent claim 24 recites a washing machine comprising, *inter alia*, a memory continuously storing the user-selected wash cycle option and the operation history data of the motor and load part as well as a microprocessor configured to read the stored user selected wash cycle option and history data from the memory and upload them to an external device when connected thereto.

The applied references, taken alone or in combination, fail to disclose or suggest these features. That is, Klausner discloses a bus system 10 to which a plurality of electrical home appliances 11-15, including a washing machine 12, can be connected and controlled by a single

central control computer 17. See Figure 1 of Klausner. The electrical home appliances 11-15 are each provided with a plug-in slot 18 for the detachable plugging in of the central control computer 17. See Figure 2 of Klausner.

The central control computer 17 receives and processes transmitter signals emitted from the bus system 10. The central control computer 17 also generates necessary control commands for all the electrical home appliances 11-15 connected to the bus system 10. The central computer control 17 includes a buffer memory or temporary power supply, for example, a storage battery or storage capacitor. See col. 4, lines 48-52.

The electrical home appliances 11-15 each further include conventional control elements 20, such as push buttons, rotary knobs, control lamps, and the like so that desired operating functions can be carried out in the usual manner without the action of the central control computer 17. Thus, all the electrical home appliances 11-15 connected to the bus system can be operated without the central control computer 17.

The central control computer 17 further includes a LC display 22, a numeric keyboard 23 with function keys, an infrared receiver 24, and a loudspeaker 25 for synthetic language output. The application program in the central control computer 17, which controls and polls the actuators and sensors in the individual electrical home appliances 11-15 connected to the bus system 10, can be stored in a memory, such as an EPROM/EEPROM. See col. 5, lines 36-31 of Klausner. Klausner further states that the program can execute a functional check, diagnosis and/or search in the home appliances connected to the bus system 10. Thus, it is possible to

display errors and information on how the customer himself can eliminate errors, as well as for customer service to do a remote diagnosis via modem if an appropriate connection exists. See col. 5, lines 33-40 of Klausner.

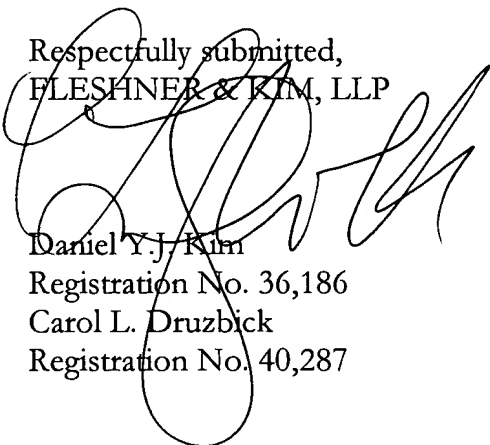
However, with respect to independent claim 9, there is no teaching or suggestion in Klausner of a memory configured to store an operation history of the washing machine, or a system microprocessor configured to control operation of the load part of the washing machine based on at least the operation history of the washing machine. Accordingly, Klausner fails to disclose or suggest the features of independent claim 9. With respect to independent claim 24, there is no teaching or suggestion of a memory continuously storing the user-selected wash cycle option and the operation history data of the motor and load part, or a microprocessor configured to read the stored user selected wash cycle option and history data from the memory and upload them to an external device when connected thereto. That is, Klausner discloses an electrical home appliance connected to a bus system for transmitting control commands and/or sensor signals, but not the operation history data of the appliance.

Othmer fails to overcome the deficiencies of Klausner as it is merely cited for disclosing an “external device for interfacing with the washing machine which is computer based where the external device inputs and outputs data into the memory.” Dependent claims 10-23 and 25-30 are allowable at least for the reasons discussed above with respect to independent claims 9 and 24, from which they respectively depend, as well as for their added features.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Carol L. Druzbeck, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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